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MN/WI BIKE TRAIL CONNECTION - MIDDLE-NORTH OPTION

Concept Cost Estimate (based upon 2011 bid price information)

Prepared By: SRF Consulting Group, Inc., 9/2011

				MINNESOTA		WISCONSIN (RIVER BRIDGE TO REST AREA)		SCONSIN (REST AREA TO EXIT)		TOTAL	
ITEM DESCRIPTION	UNIT	UNIT PRICE		EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT
PAVING AND GRADING COSTS											
1 Excavation - common & subgrade	cu. yd.	\$6.00				4,700	\$28,200	8,200	\$49,200	12,900	\$77,400
2 Granular Borrow - Structural (CV)	cu. yd.	\$16.00		6,500	\$104,000	14,000	\$224,000	11,000	\$176,000	31,500	\$504,000
3 Granular Subgrade (CV)	cu. yd.	\$15.00				3,700	\$55,500	6,500	\$97,500	10,200	\$153,000
4 Mainline Shoulder Pavement	(1) sq. yd.	\$35.00				2,800	\$98,000	4,900	\$171,500	7,700	\$269,500
5 Bituminous Walk / Trail	(2) sq. yd.	\$27.00		1,900	\$51,300	7,500	\$202,500	11,000	\$297,000	20,400	\$550,800
6 Concrete Curb and Gutter	lin. ft.	\$15.00									
7 Concrete Median Barrier (Permanent)	lin. ft.	\$65.00				4,600	\$299,000	4,200	\$273,000	8,800	\$572,000
8 Traffic Barrier	lin. ft.	\$20.00						800	\$16,000	800	\$16,000
SUBTOTAL PAVING AND GRADING COSTS:					\$155,300		\$907,200		\$1,080,200		\$2,142,700
DRAINAGE, UTILITIES AND EROSION CONTROL											
1 Drainage - urban	30%				\$47,000		\$272,000		\$324,000		\$643,000
2 Drainage - rural	(3) mile	\$100,000						1.00	\$100,000	1	\$100,000
3 Turf Establishment & Erosion Control	10%				\$16,000		\$91,000		\$108,000		\$215,000
4 Landscaping	2%				\$3,000		\$18,000		\$22,000		\$43,000
SUBTOTAL DRAINAGE, UTILITIES AND EROSION CONTROL					\$66,000		\$381,000		\$554,000		\$1,001,000
BRIDGE COSTS											
1 Bridge - Widening of Round Lake Bridge	sq. ft.	\$200				12,000	\$2,400,000			12,000	\$2,400,000
2 Bridge - Widening of French Slough Bridge	sq. ft.	\$200				4,900	\$980,000			4,900	\$980,000
3 Bridge - Widening of Black River Bridge	sq. ft.	\$200						15,300	\$3,060,000	15,300	\$3,060,000
SUBTOTAL BRIDGE COSTS:							\$3,380,000		\$3,060,000		\$6,440,000
RETAINING WALLS & OTHER MINOR STRUCTURAL COSTS											
1 Box Culvert - Under CTH B	sq. ft.	\$200									
2 CIP Ret. Walls 5' high (50' pile foundation)	(4) lin. ft.	\$600		1,400	\$840,000	800	\$480,000	2,100	\$420,000	2,100	\$420,000
3 CIP Ret. Walls 10' high (50' pile foundation)	(4) lin. ft.	\$800		300	\$240,000	3,800	\$3,040,000	600	\$360,000	2,800	\$1,680,000
4 CIP Ret. Walls 15' high (50' pile foundation)	(4) lin. ft.	\$1,200		200	\$240,000			3,000	\$2,400,000	7,100	\$5,680,000
5 CIP Ret. Walls 20' high (50' pile foundation)	(4) lin. ft.	\$1,750		150	\$262,500					200	\$240,000
6 CIP Ret. Walls 25' high (50' pile foundation)	(4) lin. ft.	\$2,400		40	\$96,000					150	\$262,500
7 CIP Ret. Walls 30' high (50' pile foundation)	(4) lin. ft.	\$3,000		40	\$120,000					40	\$96,000
8 Ret. Walls Architectural Treatments (normal)	sq. ft.	\$15		18,200	\$273,000	42,000	\$630,000	33,000	\$495,000	93,200	\$1,398,000
SUBTOTAL RETAINING WALLS & OTHER MINOR STRUCTURAL COSTS:					\$2,071,500		\$4,150,000		\$3,675,000		\$9,896,500
SUBTOTAL CONSTRUCTION COSTS:					\$2,292,800		\$8,818,200		\$8,369,200		\$19,480,200
MISCELLANEOUS COSTS											
1 Mobilization	5%				\$115,000		\$441,000		\$418,000		\$974,000
2 Non Quantified Minor Items	10%				\$229,000		\$882,000		\$837,000		\$1,948,000
3 Traffic Control	5%				\$115,000		\$441,000		\$418,000		\$974,000
SUBTOTAL MISCELLANEOUS COSTS:					\$459,000		\$1,764,000		\$1,673,000		\$3,896,000
ESTIMATED TOTAL CONSTRUCTION COSTS without Contingency:					\$2,751,800		\$10,582,200		\$10,042,200		\$23,376,200
1 Contingency or "risk"	30%				\$826,000		\$3,175,000		\$3,013,000		\$7,014,000
ESTIMATED TOTAL CONSTRUCTION COSTS PLUS CONTINGENCY:					\$3,577,800		\$13,757,200		\$13,055,200		\$30,390,200

NOTE (1) Includes aggregate base class 5 and PASB or OGAB, as appropriate.

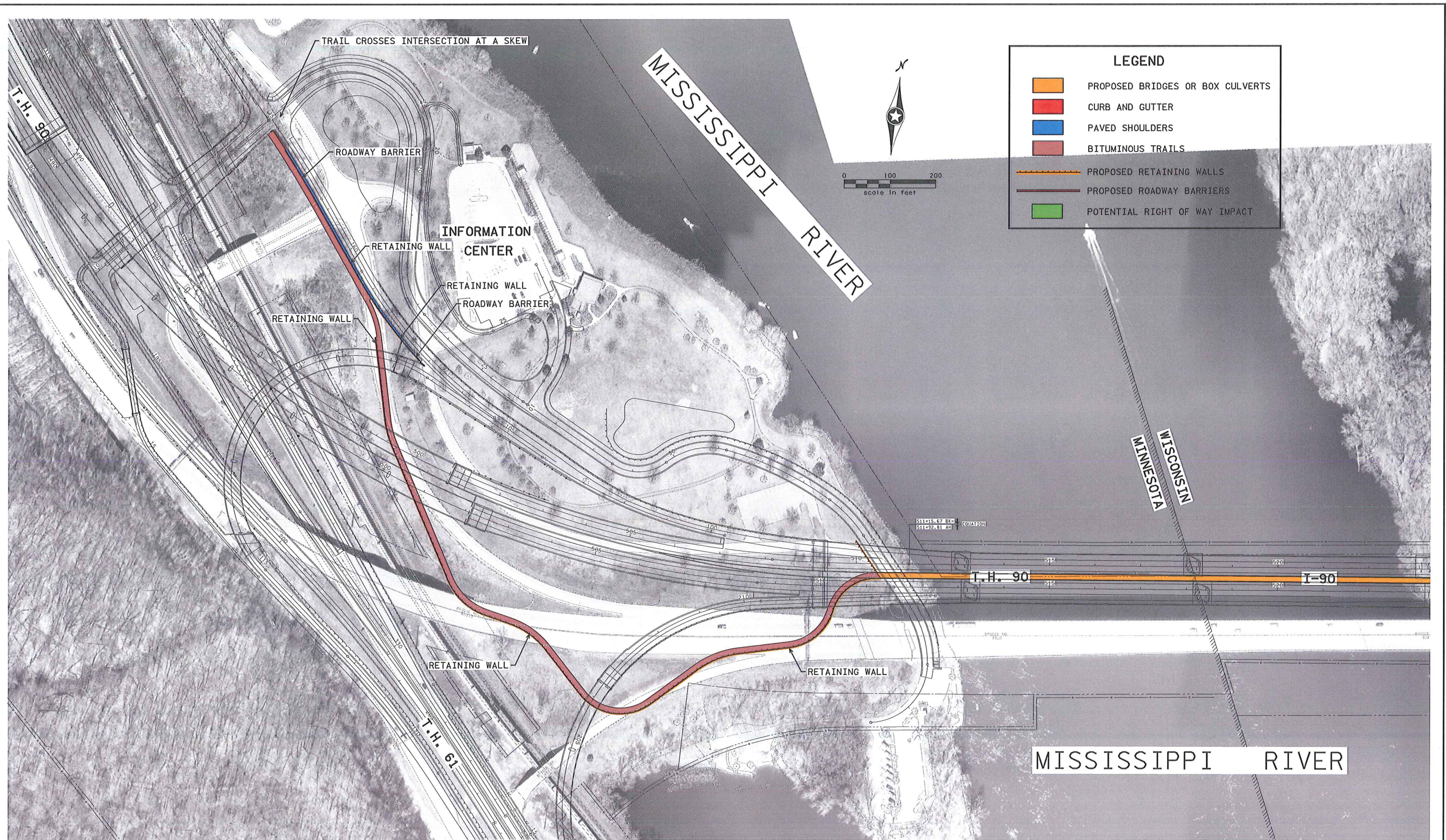
(2) Includes aggregate base class 5.

(3) Does not include pavement edge drains, see separate item.

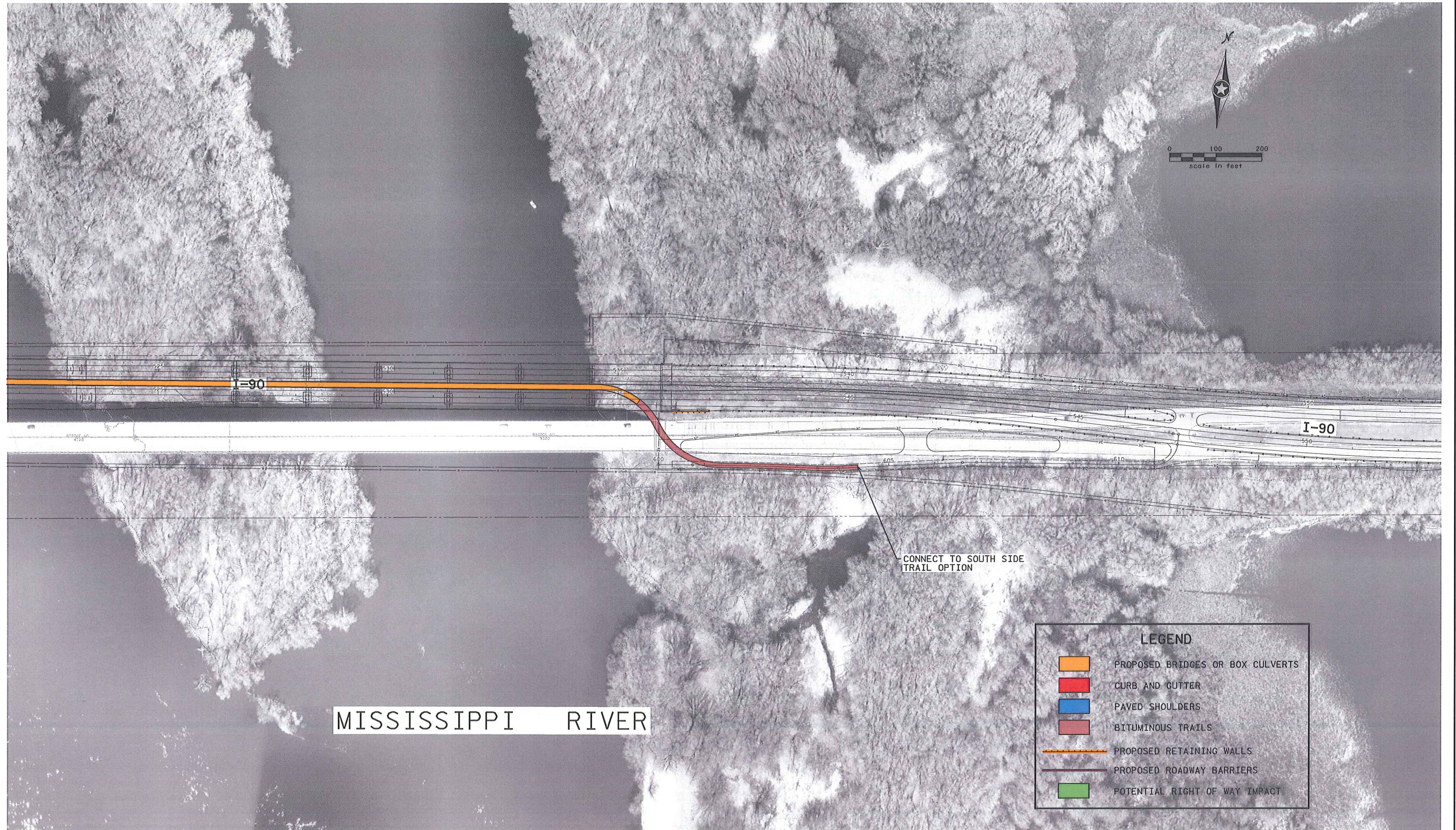
(4) Assumes 50' Piled Foundations & Mn/DOT Standard Plan Sheet designs; does not include excavation or backfill.

Does Not Include River Bridge Costs

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MN/WI BIKE TRAIL CONNECTION - MIDDLE-SOUTH OPTION

Concept Cost Estimate (based upon 2011 bid price information)

Prepared By: SRF Consulting Group, Inc., 9/2011

					MINNESOTA		WISCONSIN (RIVER BRIDGE TO REST AREA)		WISCONSIN (REST AREA TO EXIT 3)		TOTAL		
ITEM DESCRIPTION				UNIT	UNIT PRICE	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT
PAVING AND GRADING COSTS													
1	Excavation - common & subgrade		cu. vd.	\$6.00	500	\$3,000	4,700	\$28,200	6,700	\$40,200	11,900	\$71,400	
2	Granular Borrow - Structural (CV)		cu. vd.	\$16.00	12,100	\$193,600	9,400	\$150,400	9,400	\$150,400	30,900	\$494,400	
3	Granular Subgrade (CV)		cu. vd.	\$14.00	400	\$5,600	3,700	\$51,800	5,300	\$74,200	9,400	\$131,600	
4	Mainline Shoulder Pavement	(1)	sq. vd.	\$35.00	300	\$10,500	2,800	\$98,000	4,000	\$140,000	7,100	\$248,500	
5	Bituminous Walk / Trail	(2)	sq. vd.	\$27.00	2,500	\$67,500	6,600	\$178,200	12,500	\$337,500	21,600	\$583,200	
6	Concrete Curb and Gutter		lin. ft.	\$15.00	100	\$1,500			700	\$10,500	800	\$12,000	
7	Concrete Median Barrier (Permanent)		lin. ft.	\$65.00	300	\$19,500	3,500	\$227,500	3,500	\$227,500	7,300	\$474,500	
8	Traffic Barrier		lin. ft.	\$20.00					500	\$10,000	500	\$10,000	
SUBTOTAL PAVING AND GRADING COSTS:						\$301,200		\$734,100		\$990,300		\$2,025,600	
DRAINAGE, UTILITIES AND EROSION CONTROL													
1	Drainage - urban		30%			\$90,000		\$220,000		\$297,000		\$607,000	
2	Drainage - rural	(3)	mile	\$100,000					1.00	\$100,000	1	\$100,000	
3	Turf Establishment & Erosion Control		10%			\$30,000		\$73,000		\$99,000		\$202,000	
4	Landscaping		2%			\$6,000		\$15,000		\$20,000		\$41,000	
SUBTOTAL DRAINAGE, UTILITIES AND EROSION CONTROL						\$126,000		\$308,000		\$516,000		\$950,000	
BRIDGE COSTS													
1	Bridge - Widening of Round Lake Bridge		sq. ft.	\$200			12,000	\$2,400,000			12,000	\$2,400,000	
2	Bridge - Widening of French Slough Bridge		sq. ft.	\$200			2,600	\$520,000			2,600	\$520,000	
3	Bridge - Widening of Black River Bridge		sq. ft.	\$200					15.500	\$3,100,000	15,500	\$3,100,000	
SUBTOTAL BRIDGE COSTS:								\$2,920,000		\$3,100,000		\$6,020,000	
RETAINING WALLS & OTHER MINOR STRUCTURAL COSTS													
1	Box Culvert - Under CTH B		sq. ft.	\$200					2,100	\$420,000	2,100	\$420,000	
2	CIP Ret. Walls 5' high (50' pile foundation)	(4)	lin. ft.	\$600	200	\$120,000	1,000	\$600,000	1,000	\$600,000	2,200	\$1,320,000	
3	CIP Ret. Walls 10' high (50' pile foundation)	(4)	lin. ft.	\$800	1,200	\$960,000	2,400	\$1,920,000	2,400	\$1,920,000	6,000	\$4,800,000	
4	CIP Ret. Walls 15' high (50' pile foundation)	(4)	lin. ft.	\$1,200	500	\$600,000					500	\$600,000	
5	CIP Ret. Walls 20' high (50' pile foundation)	(4)	lin. ft.	\$1,750	100	\$175,000					100	\$175,000	
6	CIP Ret. Walls 25' high (50' pile foundation)	(4)	lin. ft.	\$2,400	40	\$96,000					40	\$96,000	
7	CIP Ret. Walls 30' high (50' pile foundation)	(4)	lin. ft.	\$3,000	40	\$120,000					40	\$120,000	
8	Ret. Walls Architectural Treatments (normal)		sq. ft.	\$15	24,700	\$370,500	29,000	\$435,000	29,000	\$435,000	82,700	\$1,240,500	
SUBTOTAL RETAINING WALLS & OTHER MINOR STRUCTURAL COSTS:						\$2,441,500		\$2,955,000		\$3,375,000		\$8,771,500	
SUBTOTAL CONSTRUCTION COSTS:						\$2,868,700		\$6,917,100		\$7,981,300		\$17,767,100	
MISCELLANEOUS COSTS													
1	Mobilization		5%			\$143,000		\$346,000		\$399,000		\$888,000	
2	Non Quantified Minor Items		10%			\$287,000		\$692,000		\$798,000		\$1,777,000	
3	Traffic Control		5%			\$143,000		\$346,000		\$399,000		\$888,000	
SUBTOTAL MISCELLANEOUS COSTS:						\$573,000		\$1,384,000		\$1,596,000		\$3,553,000	
ESTIMATED TOTAL CONSTRUCTION COSTS without Contingency:						\$3,441,700		\$8,301,100		\$9,577,300		\$21,320,100	
1	Contingency or "risk"		30%			\$1,033,000		\$2,490,000		\$2,873,000		\$6,396,000	
ESTIMATED TOTAL CONSTRUCTION COSTS PLUS CONTINGENCY:						\$4,474,700		\$10,791,100		\$12,450,300		\$27,716,100	

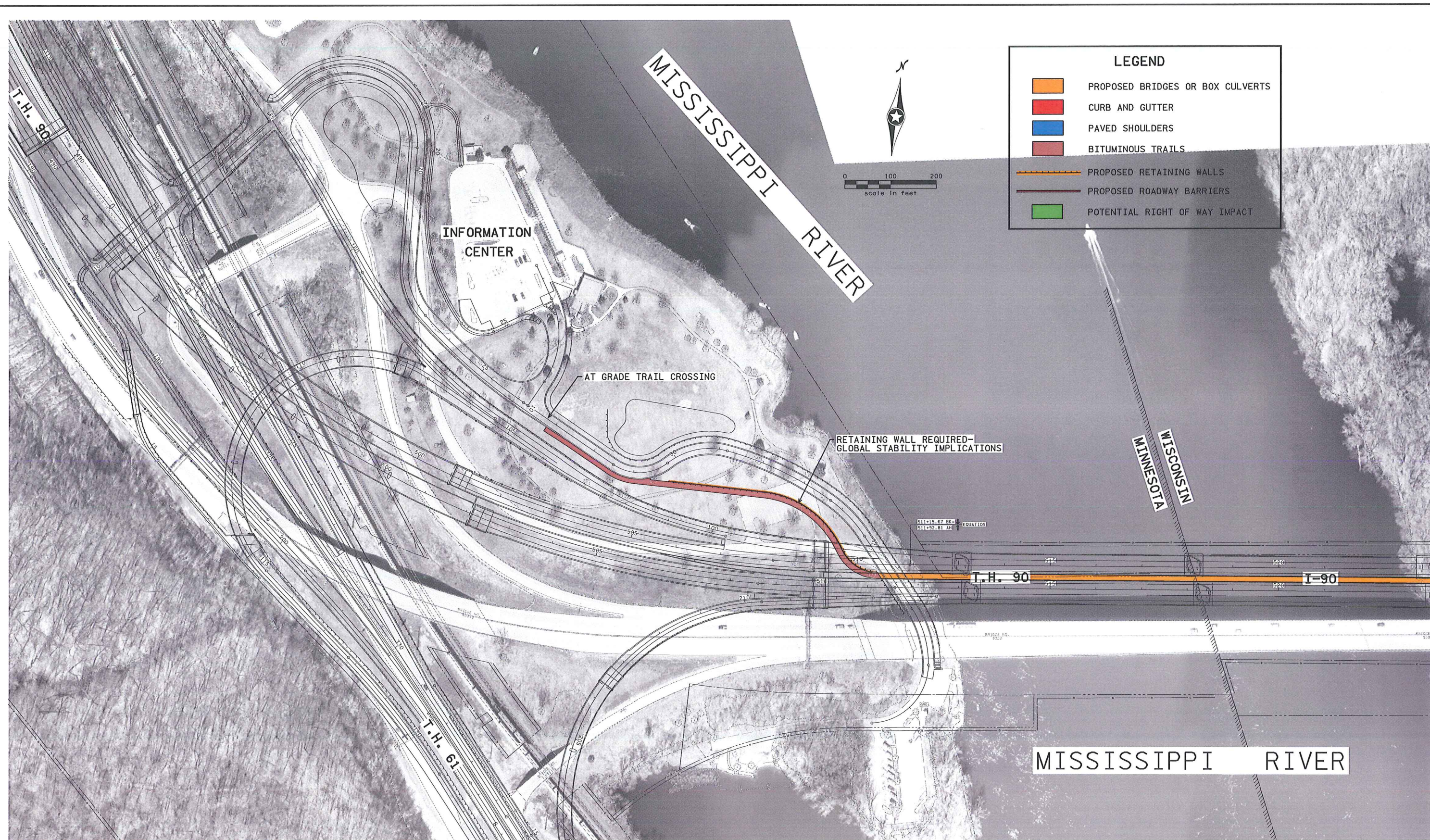
NOTE (1) Includes aggregate base class 5 and PASB or OGAB, as appropriate.

(2) Includes aggregate base class 5.

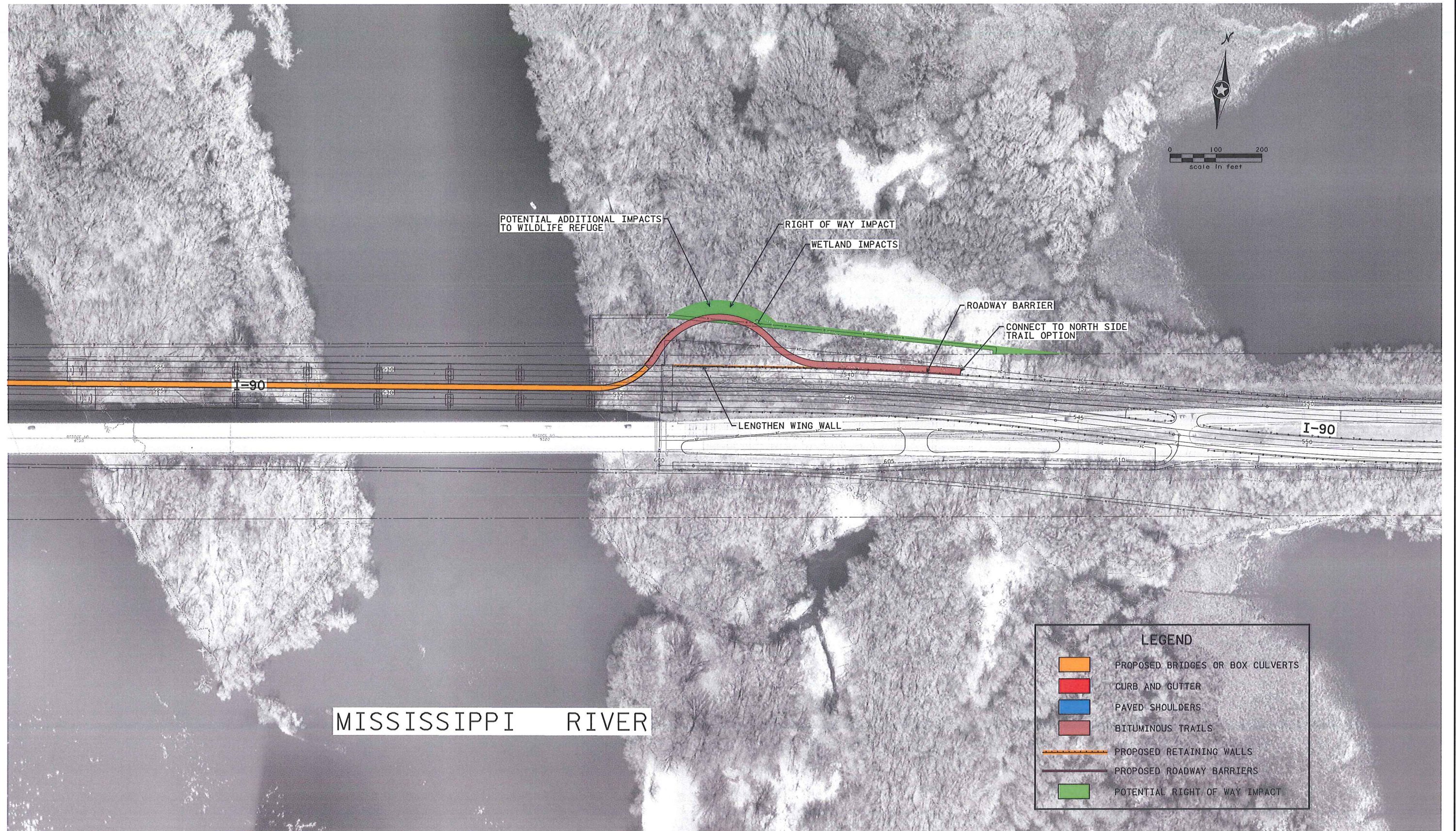
(3) Does not include pavement edge drains, see separate item.

(4) Assumes 50' Piled Foundations & Mn/DOT Standard Plan Sheet designs; does not include excavation or backfill.

Does NOT Include River Bridge Costs



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MN/WI BIKE TRAIL CONNECTION - MIDDLE-NORTH OPTION - REDUCED WALLS

Concept Cost Estimate (based upon 2011 bid price information)

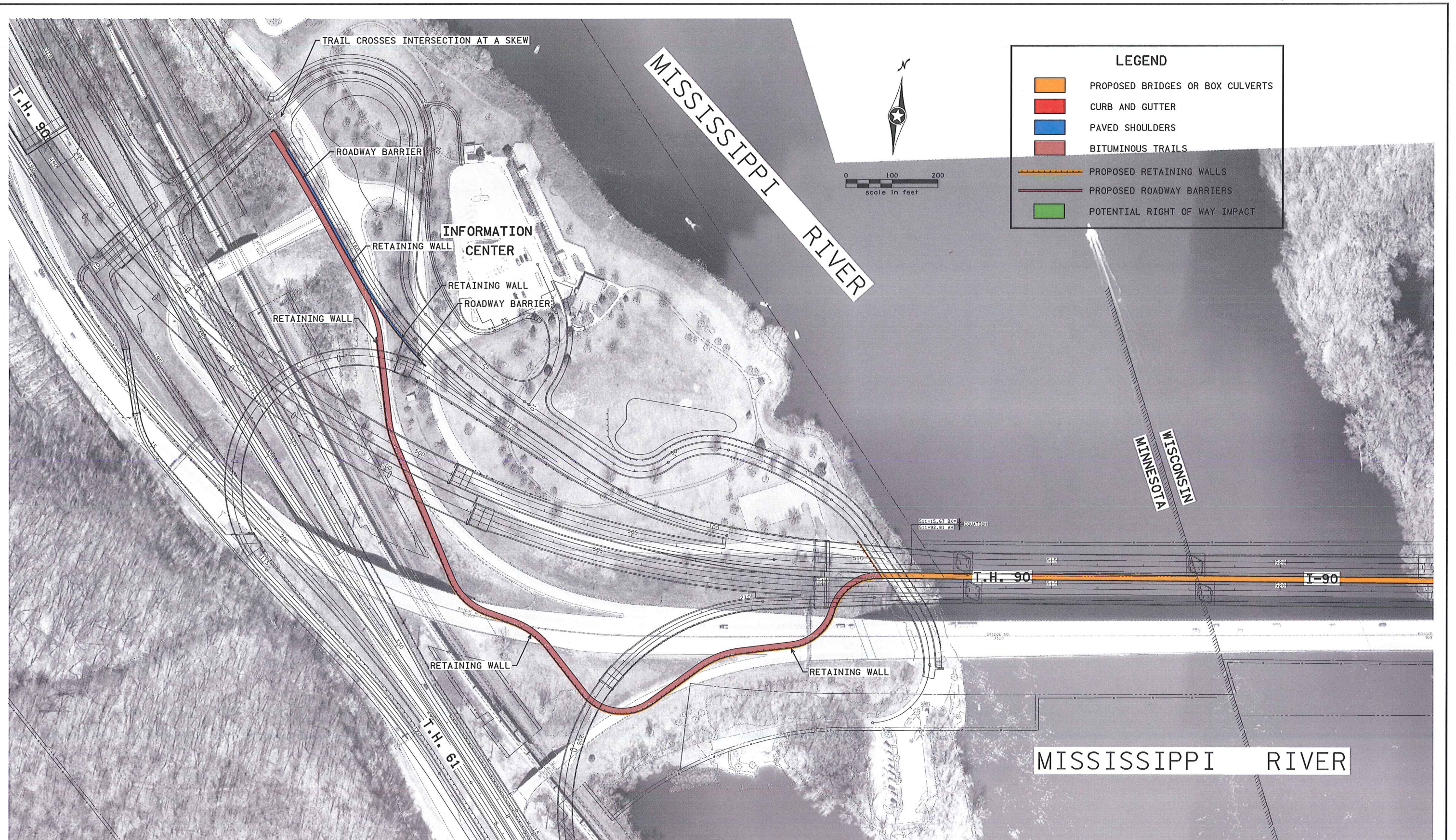
Prepared By: SRF Consulting Group, Inc., 9/2011

				MINNESOTA		WISCONSIN (RIVER BRIDGE TO REST AREA)		WISCONSIN (REST AREA TO EXIT 3)		TOTAL	
ITEM DESCRIPTION	UNIT	UNIT PRICE		EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT
PAVING AND GRADING COSTS											
1 Excavation - common & subgrade	cu. yd.	\$6.00				4.700	\$28.200	8.200	\$49.200	12.900	\$77.400
2 Granular Borrow - Structural (CV)	cu. yd.	\$16.00		6.500	\$104.000	26.000	\$416.000	19.500	\$312.000	52.000	\$832.000
3 Granular Subgrade (CV)	cu. yd.	\$15.00				3.700	\$55.500	6.500	\$97.500	10.200	\$153.000
4 Mainline Shoulder Pavement	(1) sq. yd.	\$35.00				2.800	\$98.000	4.900	\$171.500	7.700	\$269.500
5 Bituminous Walk / Trail	(2) sq. yd.	\$27.00		1.900	\$51.300	7.500	\$202.500	11.000	\$297.000	20.400	\$550.800
6 Concrete Curb and Gutter	lin. ft.	\$15.00									
7 Concrete Median Barrier (Permanent)	lin. ft.	\$65.00				4.600	\$299.000	4.200	\$273.000	8.800	\$572.000
8 Traffic Barrier	lin. ft.	\$20.00						800	\$16.000	800	\$16.000
SUBTOTAL PAVING AND GRADING COSTS:					\$155,300		\$1,099,200		\$1,216,200		\$2,470,700
DRAINAGE, UTILITIES AND EROSION CONTROL											
1 Drainage - urban	30%				\$47.000		\$330.000		\$365.000		\$742.000
2 Drainage - rural	(3) mile	\$100.000						1.00	\$100.000	1	\$100.000
3 Turf Establishment & Erosion Control	10%				\$16.000		\$110.000		\$122.000		\$248.000
4 Landscaping	2%				\$3.000		\$22.000		\$24.000		\$49.000
SUBTOTAL DRAINAGE, UTILITIES AND EROSION CONTROL					\$66,000		\$462,000		\$611,000		\$1,139,000
BRIDGE COSTS											
1 Bridge - Widening of Round Lake Bridge	sq. ft.	\$200				12.000	\$2,400.000			12.000	\$2,400.000
2 Bridge - Widening of French Slough Bridge	sq. ft.	\$200				4.900	\$980.000			4.900	\$980.000
3 Bridge - Widening of Black River Bridge	sq. ft.	\$200						15.300	\$3,060.000	15.300	\$3,060.000
SUBTOTAL BRIDGE COSTS:							\$3,380,000		\$3,060,000		\$6,440,000
RETAINING WALLS & OTHER MINOR STRUCTURAL COSTS											
1 Box Culvert - Under CTH B	sq. ft.	\$200						2.100	\$420.000	2.100	\$420.000
2 CIP Ret. Walls 5' high (50' pile foundation)	(4) lin. ft.	\$600		1.400	\$840.000	100	\$60.000	100	\$60.000	1.600	\$960.000
3 CIP Ret. Walls 10' high (50' pile foundation)	(4) lin. ft.	\$800		300	\$240.000	400	\$320.000	600	\$480.000	1.300	\$1,040.000
4 CIP Ret. Walls 15' high (50' pile foundation)	(4) lin. ft.	\$1,200		200	\$240.000					200	\$240.000
5 CIP Ret. Walls 20' high (50' pile foundation)	(4) lin. ft.	\$1,750		150	\$262.500					150	\$262.500
6 CIP Ret. Walls 25' high (50' pile foundation)	(4) lin. ft.	\$2,400		40	\$96.000					40	\$96.000
7 CIP Ret. Walls 30' high (50' pile foundation)	(4) lin. ft.	\$3,000		40	\$120.000					40	\$120.000
8 Ret. Walls Architectural Treatments (normal)	sq. ft.	\$15		18,200	\$273.000	4,500	\$67.500	6,500	\$97.500	29,200	\$438.000
SUBTOTAL RETAINING WALLS & OTHER MINOR STRUCTURAL COSTS:					\$2,071,500		\$447,500		\$1,057,500		\$3,576,500
SUBTOTAL CONSTRUCTION COSTS:					\$2,292,800		\$5,388,700		\$5,944,700		\$13,626,200
MISCELLANEOUS COSTS											
1 Mobilization	5%				\$115.000		\$269.000		\$297.000		\$681.000
2 Non Quantified Minor Items	10%				\$229.000		\$539.000		\$594.000		\$1,362.000
3 Traffic Control	5%				\$115.000		\$269.000		\$297.000		\$681.000
SUBTOTAL MISCELLANEOUS COSTS:					\$459,000		\$1,077,000		\$1,188,000		\$2,724,000
ESTIMATED TOTAL CONSTRUCTION COSTS without Contingency:					\$2,751,800		\$6,465,700		\$7,132,700		\$16,350,200
1 Contingency or "risk"	30%				\$826,000		\$1,940,000		\$2,140,000		\$4,906,000
ESTIMATED TOTAL CONSTRUCTION COSTS PLUS CONTINGENCY:					\$3,577,800		\$8,405,700		\$9,272,700		\$21,256,200

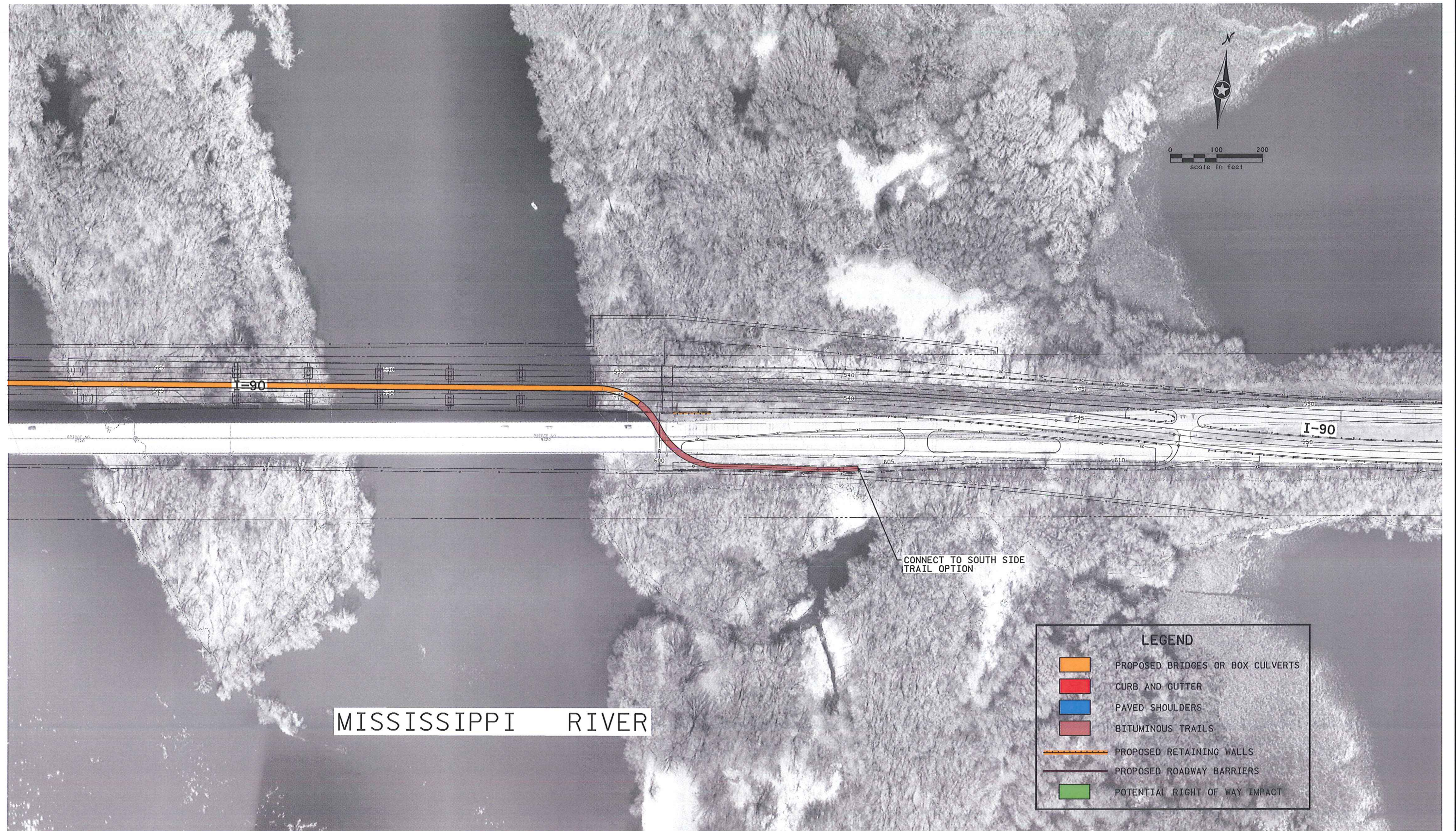
NOTE (1) Includes aggregate base class 5 and PASB or OGAB, as appropriate.
 (2) Includes aggregate base class 5.
 (3) Does not include pavement edge drains, see separate item.
 (4) Assumes 50' Piled Foundations & Mn/DOT Standard Plan Sheet designs; does not include excavation or backfill.

Does NOT include River Bridge Costs.

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MN/WI BIKE TRAIL CONNECTION - MIDDLE-SOUTH OPTION - REDUCED WALLS

Concept Cost Estimate (based upon 2011 bid price information)

Prepared By: SRF Consulting Group, Inc., 9/2011

					MINNESOTA		WISCONSIN (RIVER BRIDGE TO REST AREA)		WISCONSIN (REST AREA TO EXIT 3)		TOTAL	
ITEM DESCRIPTION			UNIT	UNIT PRICE	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT	EST. QUANTITY	EST. AMOUNT
PAVING AND GRADING COSTS												
1	Excavation - common & subgrade		cu. yd.	\$6.00	500	\$3,000	4,700	\$28,200	6,700	\$40,200	11,900	\$71,400
2	Granular Borrow - Structural (CV)		cu. yd.	\$16.00	12,100	\$193,600	17,800	\$284,800	17,800	\$284,800	47,700	\$763,200
3	Granular Subgrade (CV)		cu. yd.	\$14.00	400	\$5,600	3,700	\$51,800	5,300	\$74,200	9,400	\$131,600
4	Mainline Shoulder Pavement	(1)	sq. yd.	\$35.00	300	\$10,500	2,800	\$98,000	4,000	\$140,000	7,100	\$248,500
5	Bituminous Walk / Trail	(2)	sq. yd.	\$27.00	2,500	\$67,500	6,600	\$178,200	12,500	\$337,500	21,600	\$583,200
6	Concrete Curb and Gutter		lin. ft.	\$15.00	100	\$1,500			700	\$10,500	800	\$12,000
7	Concrete Median Barrier (Permanent)		lin. ft.	\$65.00	300	\$19,500	3,500	\$227,500	3,500	\$227,500	7,300	\$474,500
8	Traffic Barrier		lin. ft.	\$20.00					500	\$10,000	500	\$10,000
SUBTOTAL PAVING AND GRADING COSTS:						\$301,200		\$868,500		\$1,124,700		\$2,294,400
DRAINAGE, UTILITIES AND EROSION CONTROL												
1	Drainage - urban		30%			\$90,000		\$261,000		\$337,000		\$688,000
2	Drainage - rural	(3)	mile	\$100,000					1.00	\$100,000	1	\$100,000
3	Turf Establishment & Erosion Control		10%			\$30,000		\$87,000		\$112,000		\$229,000
4	Landscaping		2%			\$6,000		\$17,000		\$22,000		\$45,000
SUBTOTAL DRAINAGE, UTILITIES AND EROSION CONTROL						\$126,000		\$365,000		\$571,000		\$1,062,000
BRIDGE COSTS												
1	Bridge - Widening of Round Lake Bridge		sq. ft.	\$200			12,000	\$2,400,000			12,000	\$2,400,000
2	Bridge - Widening of French Slough Bridge		sq. ft.	\$200			2,600	\$520,000			2,600	\$520,000
3	Bridge - Widening of Black River Bridge		sq. ft.	\$200					15,500	\$3,100,000	15,500	\$3,100,000
SUBTOTAL BRIDGE COSTS:								\$2,920,000		\$3,100,000		\$6,020,000
RETAINING WALLS & OTHER MINOR STRUCTURAL COSTS												
1	Box Culvert - Under CTH B		sq. ft.	\$200					2,100	\$420,000	2,100	\$420,000
2	CIP Ret. Walls 5' high (50' pile foundation)	(4)	lin. ft.	\$600	200	\$120,000	250	\$150,000	250	\$150,000	700	\$420,000
3	CIP Ret. Walls 10' high (50' pile foundation)	(4)	lin. ft.	\$800	1,200	\$960,000	550	\$440,000	550	\$440,000	2,300	\$1,840,000
4	CIP Ret. Walls 15' high (50' pile foundation)	(4)	lin. ft.	\$1,200	500	\$600,000					500	\$600,000
5	CIP Ret. Walls 20' high (50' pile foundation)	(4)	lin. ft.	\$1,750	100	\$175,000					100	\$175,000
6	CIP Ret. Walls 25' high (50' pile foundation)	(4)	lin. ft.	\$2,400	40	\$96,000					40	\$96,000
7	CIP Ret. Walls 30' high (50' pile foundation)	(4)	lin. ft.	\$3,000	40	\$120,000					40	\$120,000
8	Ret. Walls Architectural Treatments (normal)		sq. ft.	\$15	24,700	\$370,500	6,750	\$101,250	6,750	\$101,250	38,200	\$573,000
SUBTOTAL RETAINING WALLS & OTHER MINOR STRUCTURAL COSTS:						\$2,441,500		\$691,250		\$1,111,250		\$4,244,000
SUBTOTAL CONSTRUCTION COSTS:						\$2,868,700		\$4,844,750		\$5,906,950		\$13,620,400
MISCELLANEOUS COSTS												
1	Mobilization		5%			\$143,000		\$242,000		\$295,000		\$680,000
2	Non Quantified Minor Items		10%			\$287,000		\$484,000		\$591,000		\$1,362,000
3	Traffic Control		5%			\$143,000		\$242,000		\$295,000		\$680,000
SUBTOTAL MISCELLANEOUS COSTS:						\$573,000		\$968,000		\$1,181,000		\$2,722,000
ESTIMATED TOTAL CONSTRUCTION COSTS without Contingency:						\$3,441,700		\$5,812,750		\$7,087,950		\$16,342,400
1	Contingency or "risk"		30%			\$1,033,000		\$1,744,000		\$2,126,000		\$4,903,000
ESTIMATED TOTAL CONSTRUCTION COSTS PLUS CONTINGENCY:						\$4,474,700		\$7,556,750		\$9,213,950		\$21,245,400

NOTE (1) Includes aggregate base class 5 and PASB or OGAB, as appropriate.

(2) Includes aggregate base class 5.

(3) Does not include pavement edge drains, see separate item.

(4) Assumes 50' Piled Foundations & Mn/DOT Standard Plan Sheet designs; does not include excavation or backfill.

Does not include River Bridge Costs.